WINBEST®
by BARSKA®

Elite Edition Metal Detector

LCD Display—probable type of metal, depth of the target, operating mode and low battery indication

Three Tone Audio—distinctive tones for different types of metal

Super Slow Sweep Identification—with a very slow sweep discriminate different metals

Notch Setting—ignores junk metal

Headphone Jack— connect headphones (not supplied).

Waterproof Search Coil—use the detector it shallow water

Operates on two 9-volt alkaline batteries (not supplied).

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With your metal detector, you can hunt for coins, relics, jewelry, gold, and silver just about anywhere. The detector is versatile and easy to use, features include:

LCD Display—shows the probable type of metal with an arrow, the depth of the target, DISC/NOTCH range, the level of SENS with segment, the operating mode, and low battery indication.

Three Tone Audio Discrimination—sounds distinctive tones for different types of metal.

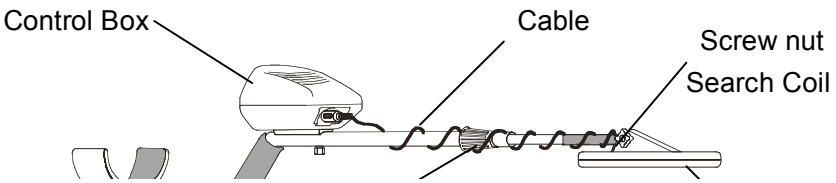
Notch—ignores junk metal and finds valuable items by setting the disc and notch range.

Super Slow Sweep Identification—with a very slow sweep of the search coil to discriminate different types of metal.

Headphone Jack—lets you connect headphones (not supplied).

Waterproof Search Coil—lets you use the detector it shallow water.

Note: Your metal detector requires two 9-volt alkaline batteries (not supplied).



TREASER HUNTER'S CODE OF ETHICS

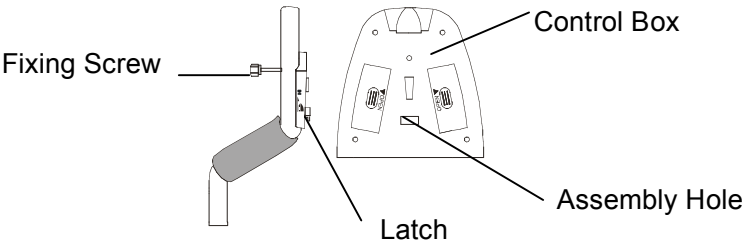
A few basic rules you should follow while using your detector

- Always get permission before searching any site
- Respect the rights and property of others
- Observe all national, state and local laws when treasure hunting
- Never destroy historical or archaeological treasures. If you are not sure about an object you have found, contact a museum or historical society in your area.
- Leave the land and vegetation as is, and fill in any holes you dig.
- Use the detector only in safe areas
- Dispose of any junk you may find, only in approved areas. Do not leave it for the next treasure hunter find.

PREPARATION

ASSEMBLING THE DETECTOR

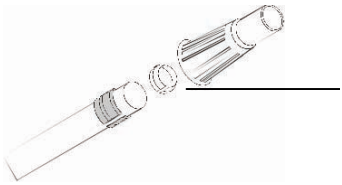
1. Assembling your detector is easy and requires no special tools. Insert the latch on the top of the handle into the assembly hole on the bottom of the control box. Then slightly pull the handle in the direction of IN on the handle to fix the latch in place. Secure the control box by fixing screw properly.



2. Unscrew the knob on the search coil and remove the knob connector. Insert the stem and align the holes on the search coil bracket and the stem. Push the connector through the holes and tighten the knob.
3. Wind the search coil cable around the stem. Leave enough slack in the cable. Insert the search coil cable plug into the five pin jack on the front control box's housing.
4. Turn the stem's lock nut clockwise until it loosens. Lengthen or shorten so when you stand upright with the detector in your hand, the search coil is level with and about 1/2 to 2 inches above the ground with your arm relaxed at your side. Turn the stem's lock nut counter-clockwise to lock it in place.

Caution:

- **DO NOT** force the plug or you could damage it. The search coil's plug fits into the connector only one way.
- **DO NOT** over tighten the search coil or use tools such as pliers to tighten it.
- **DO NOT** disassemble the stem lock nut. In case you disassemble it carelessly, place the washer on the top of the stem connected with the handle with the small head of the washer upwards. Then hitch the stem lock nut on the washer then tighten it to lock it in place.

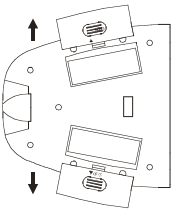


INSTALLING THE BATTERIES

Cautions:

- Use only fresh alkaline batteries of required size.
- Do not mix the old and new batteries or different types of batteries.

1. Slide the POWER button to turn on the power.
2. Slide the left and right battery covers off in the direction of the arrow.
3. Place a 9V battery into the battery compartment matching the polarity symbols (+ and -) marked inside.

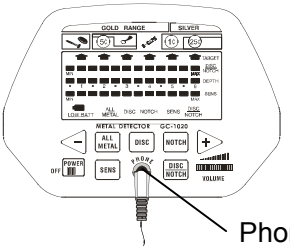


Caution:

- Use only fresh batteries of the required size and recommended type.
- Always remove old or weak batteries; batteries can leak chemicals that can destroy electronic parts.
- If you do not plan to use the detector for a long time, remove the batteries.
- Dispose of old batteries promptly and properly.

USING HEADPHONES

1. Insert the headphone's 3.5mm plug into the PHONE jack. The detector's internal speaker disconnects when you connect the headphones.
2. Set the VOLUME to the desired setting.

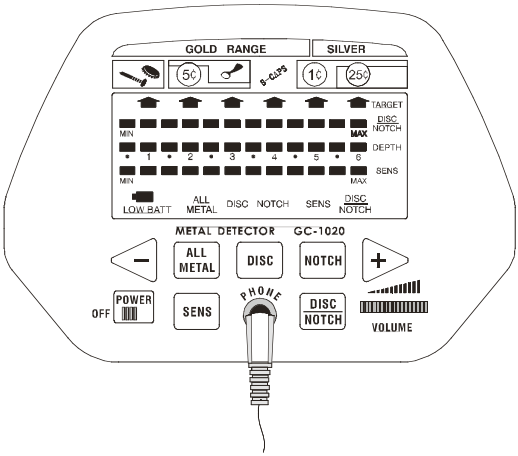


Listening Safely

- To protect your hearing, set the volume to the lowest setting before you begin listening, adjust the volume to a comfortable level.
- Do not listen at extremely high volume levels. Extended high volume listening can lead to permanent hearing loss.
- Do not wear headphones while operating your detector near high-traffic areas. Pay attention to traffic safety.

FUNCTIONS AND INDICATIONS

1. **Parts Of The Control Box**



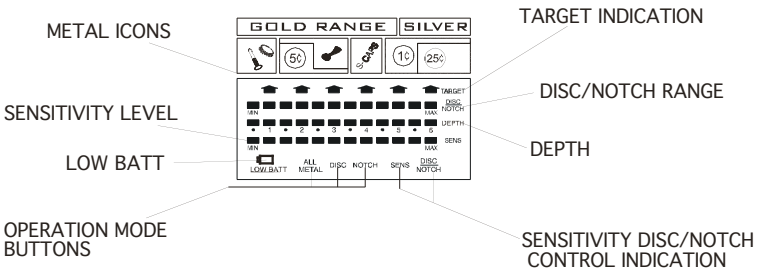
2. DISPLAYS

The indicator of target includes target icons and LCD displays and is located at the top of the detector. It can indicate coins of different type, gold, silver etc. When the detector detects an object, an arrow appears below the target icon of probable type of metal being detected. Also displays the depth of the target. If the detector receives a strong signal, the arrow appears steadily. If the signal is weak, the arrow blinks or does not appear.

Note:

- If the detecting pauses for about 5 seconds, the arrow will disappear.
- If an arrow points to a coin denomination, the detector might be detecting either a coin or another type of metal (such as jewelry, tokens, medals, or even junk metal) of similar size and type to the coin.

- Since the indications are approximations, the detector might not have actually found the item it indicates. The indicator is only a visual reference to help you decide if an item is worth perusing.



GOLD Range	Iron Foil	Target is probably iron or foil. Some oxidized iron might register somewhere within the SILVER range.
	5¢ or Nickel	Target is probably 5¢ or a nickel. Some small gold rings might register within this range.
	Pull Tab	Target is probably a pull-tab of an aluminum can. Some small gold rings might register within this range and might register within Pull Tab category.
	S-Caps	Target is probably a type of metal like bottle cap. Some medium sized gold rings might register within this category.
	1¢ or Penny	Target might be a zinc penny or a copper coin. Some large rough gold items might register within 1¢ category.
SILVER Range	1¢ Penny or 25¢ Quarter	Target is probably silver coin, 25¢ or 1¢. Some large aluminum coin might register within 1¢ 25¢ category.

TONES

If the detector is set to the ALL METAL target mode, it sounds a single tone when it detects any type of metal. If you set the detector to the DISC or NORTCH modes, the built in audio identification system sounds a unique audio tone for each of three categories of metal. This makes it easier to identify the metal being detected.

Tone	Detects
Low Tone	Foil, nails, bottle caps and/or nickels
Medium Tone	Pull tabs, zinc and/or copper items
High Tone	Brass and/or silver items

Notes:

- When you set the detector to DISC or NOTCH mode, the detector sounds a medium or high tone when it detects highly oxidized iron. An arrow appears in medium or high tone area.
- Depending on the quality, about 15 percent of gold rings cause the detector to sound a medium tone.

OPERATION

TURNING ON THE DETECTOR

1. Slide the power switch to ON. The unit displays all symbols on the LCD screen. The detector sounds low, medium, high tones respectively. After about 2 seconds the detector enters stand-by state.
   - At this time the LCD displays ALL METAL and SENS. The value of SENS on the segment is 5. The range from MIN. to MAX. for DISC/NOTCH is available.

2. SETTING THE OPERATION MODE

The detector comes with three operating modes ALL METAL, DISC, NOTCH. You can select the desired mode by relative touch key.

a. **ALL METAL**—used for detecting any type of metal. When the detector detects any type of metal, it sounds a tone

b. **DISC**—used for target discrimination. You can set the target range from MAX to MIN by pressing DISC/NOTCH and + & - keys. The detector can detect the metal type indicated on the display. Meanwhile the detector rejects other metal types without displaying on the screen. For example, press - key, 4 levels on segment from Max to Min is increased. At this time, the detector can detect S- CAPS, 1¢ and also 25¢, other types of metal are rejected.

c. **NOTCH**—to ignore the metal type you do not want. You can select the metal type desired by pressing the + and - keys. The LCD segment will indicate the selected types of metal. The detector can detect the selected metal type.

TESTING AND USING THE DETECTOR

To learn how the detector reacts to different metals, you should test it before you use it the first time. You can test the detector indoors and outdoors.

Indoor Testing and Use

1. Slide POWER to ON
2. Set the operating mode.
3. Place the detector on a wooden or plastic table, then remove any watches, rings, or metal jewelry you are wearing.

4. Adjust the search coil so the flat part points towards the ceiling.
5. Slowly sweep a sample of the material you want the detector to find (such as a gold ring or a coin) 2-3 inches or more above the face of the search coil. When the detector detects any metal, it sounds a tone and an arrow appears below the target icon. Also LCD displays the depth of the target.

Note:

- Never test the detector on a floor inside a building. Most buildings have metal of some kind in the floor, which might interfere with the objects you're testing or mask the signal completely.
- If you are using a coin, the detector will detect it more easily if you hold it so a flat side is parallel with the flat side of the search coil. A sweep with the side of coin over search coil might cause false indication and unstable display of arrow.

Outdoor Testing and Use

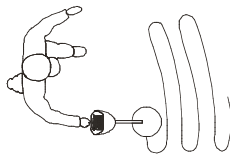
1. Slide POWER to ON. Set the operating mode.
2. Find an area on the ground outside where there is no metal.
3. Place a sample of the material you want the detector to find (such as a gold ring or a coin) on the ground.
4. Hold the search coil level to the ground about 1~2 inches above the surface, slowly move the search coil over the area where you placed the sample, sweeping the search coil in a side-to-side motion.

Note:

If you are using valuable metal such as gold to test the detector, mark the area where you place the item, to help you find it later. (Do not place it in tall grass or weeds).

Search Coil Sweeping Hints:

- Never sweep the search coil as if it were a pendulum. Raising the search coil while sweeping or at the end of a sweep will cause false readings.
- Sweep slowly hurrying will cause you to miss targets.
- It's better you sweep the search coil from side to side in an arc line of 3 inches motion and keep the search coil parallel with the ground.



If the detector detects the item, it sounds a tone, an arrow and the depth appear on the display below the target icon.
If the detector does not detect the item, make sure that the target mode is set correctly for the type of metal you're searching for. Make sure that you're moving the search coil correctly.

Notes:

- The detector responds with a signal when it detects most valuable metal objects. If a signal does not repeat after you sweep the search coil over the target a few times, the target is probably junk metal.
- False signals can be caused by trashy ground, electrical interference, or large irregular piece of junk metal.
- False signals are usually broken or non-repeatable.

Adjusting SENSITIVITY

After you become familiar with how your detector works, it's important to fine tune the sensitivity to get a good effect.
Press the touch button SENS on the panel. Then press + or - to increase or decrease the sensitivity. The level on the segment will be displayed from high to low position.

Note:

In order to detect the target deeply buried, you can adjust the SENS to a high position. But do not set the level of SENS to Max position, or the detector will receive interference and false signal from a broadcast antenna and other electronic lines. The detector will have unstable arrow and irregular tone indications.

Application Hints

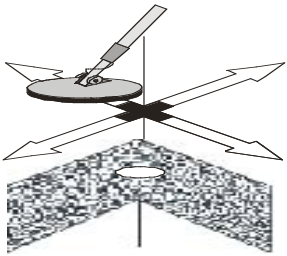
Pinpointing The Target

Accurately pinpointing a target makes digging it up easier. But it takes practice. We suggest you practice finding sample on your own property before you search other locations. Follow these steps to pinpoint a target.

1. When the detector detects a buried target, continue sweeping the search coil over the target in a narrowing side-to-side motion.

2. Make a visual note of exact spot on the ground where the detector beeps.

3. Stop the search coil directly over this point on the ground. Then move the search coil straight forward away from you and straight back towards you a couple of times.



4. Repeat steps 1~3 at a right angle to the original search line, Make a mark of “X”. The target will be directly below the “X” at the point of the beep response.

Factors That Affect The Detecting

It's difficult to have an accurate detecting result. Sometimes the detecting may be restricted by some factors.

Conditions For The Target Being Detected

- The angle of the target buried in the soil.
- The depth of the target.
- The level of oxidization of the target.
- The size of the target.
- Electro-magnetic and electrical interference surrounding the target.

If you detect patiently and correctly and practice more times, you'll get satisfactory result.

CARE AND MAINTENANCE

Your metal detector is an example of superior design and craftsmanship. The following suggestions will help you care for your metal detector so you can enjoy it for years.

Handle the detector gently and carefully. Dropping it can damage circuit boards and cases and can cause the detector to work improperly.

Use the detector only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, causing internal damage to the detector.

Keep the detector away from dust and dirt, which can cause premature wear of parts.

Wipe the detector with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the detector.

WINBEST® by BARSKA®

1 YEAR LIMITED WARRANTY

Metal Detector

WINBEST® by BARSKA®, as manufacturer, warrants this new product to be free of original defects in materials and/or workmanship for the length of time specified by this warranty. This warranty does not include damage caused by abuse, improper handling, installation, maintenance, normal wear-and-tear, unauthorized repairs or modifications and tampering in anyway.

This warranty is limited to the original purchaser and is not transferable. This warranty applies only to products purchased in the United States of America and Canada.

In the event of a defect within 30 days, the consumer must return the defective unit to the WINBEST® by BARSKA® dealer (the place of purchase) at his/her own expense.

Beyond 30 days, WINBEST® by BARSKA® products should be sent to the following address for warranty repairs. Products must be packed carefully and sturdily to prevent damage in transit, and returned freight prepaid to:

BARSKA®
1721 WRIGHT AVE.
LA VERNE, CA 91750

For additional and updated information
please visit www.barska.com

Please email info@barska.com or call 1.888.666.6769 for Return Merchandise Number (RMA#) before any returns.
NOTE: All merchandise received without a valid RMA# will be returned to shipper at his/her own expense.

Please include all of the following when returning WINBEST® by BARSKA® products for service and/or replacement:
1. Please write your complete details (Name, Address, Telephone #, E-mail address, RMA#, etc.)
2. Purchase receipt or Proof of Purchase. (Original/Copy)
3. A brief explanation of the defect
4. A Check/Money Order of $25.00 to cover inspection, shipping and handling
*Please allow 6-8 weeks for delivery

This product will either be replaced or repaired at the discretion of the warrantor. If it's a discontinued item, we will replace the product with an equivalent product. Should the repair not be covered by this warranty, an estimate will be sent for your approval. Non-warranty repairs or refurbishing are always provided at a reasonable cost.

WINBEST® by BARSKA® shall not be liable for any consequential, incidental and/or contingent damages whatsoever. We will not pay shipping, insurance or transportation charges from you to us, or any import fees, duties and or taxes.This warranty supersedes all previous Winbest® by BARSKA warranties.

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